

Response Under 37 CFR 1.116
Expedited Procedure
Examining Group 1732
Appl. No. 09/714,424
Amdt. AF dated 10-22-2003
Reply to Final Office Action of 04-22-2003
Attorney Docket No. 1836-001630

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-19 (Canceled)

20. (Currently Amended) A method of manufacturing a microcellular polyurethane foam comprising the steps of:

selecting an isocyanate-terminated prepolymer ~~containing~~ containing less than 12% functionality;

preparing a curative component by mixing a polyol, water, a foam surfactant, and a catalyst component comprising a standard solid cast polyurethane catalyst and a delayed-action tin catalyst, wherein the ratio of tin catalyst to standard solid cast polyurethane catalyst component is about 1.25:1 and said water comprises between 1% and 5% of weight of said curative component; and

mixing said curative component with said isocyanate-terminated prepolymer at a functional group (NCO/OH) ratio of about 1:1, provided that if said isocyanate-terminated prepolymer or said curative component is present in excess of one over the other, the maximum percentage of said excess over the other is 2%.